

First Named Inventor	Mark J. Dapper
Serial No.	Unknown
Filing Date	Herewith
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket No.	100.070US31
Title: CONTROLLING SERVICE UNITS IN A COMMUNICATION SYSTEM	

**INFORMATION DISCLOSURE
STATEMENT
FORM PTO-1449**

11040 U.S. PRO
10/04/2016
01/11/02

Sheet 1 of 2

U.S. Patent References				
Examiner Initials	Patent No.	Issue Date	Name	Filing Date
MD	3,539,924	11/10/70	Daskalakis et al.	10/12/67
ML	3,805,265	4/16/74	Lester	10/6/74
MR	4,300,229	11/10/81	Hirosaki	02/15/80
MR	4,438,511	03/20/84	Baran	11/10/80
MM	4,648,123	03/03/87	Schrock	01/08/85
MM	4,707,832	11/17/87	Glenn et al.	04/10/85
ML	4,868,811	09/19/89	Suzuki	02/29/88
ML	4,881,241	11/14/89	Pommier et al.	02/24/88
MM	4,943,980	07/24/90	Dobson et al.	05/02/89
MM	4,953,197	4/28/90	Kaewell, Jr. et. Al.	12/8/88
MM	5,134,464	07/28/92	Basile et al.	01/29/91
MM	5,282,222	01/25/94	Fattouche et al.	03/31/92
MM	5,291,289	03/01/94	Hulyalkar et al.	03/20/92
MM	5,297,136	03/22/94	Soprano et al.	09/25/91
MM	5,345,440	09/06/94	Gledhill et al.	09/13/91
MM	5,371,548	12/06/94	Williams	07/09/93
MM	5,483,529	01/09/96	Baggen et al.	02/03/94
MM	5,588,413	01/30/96	Elder et al.	06/14/94
MM	5,488,632	01/30/96	Mason et al.	04/02/91
MM	5,963,557	10/05/99	Eng	04/11/97
MM	6,097,736	08/01/00	Proctor et al.	07/05/95

Foreign Patent References

Examiner Initials	Foreign Patent		Name	Publication Date	T?
	Country	No.			
MD	JP	05-167632 (English Language Abstract attached)	Matsushita Electric Ind. Co. Ltd.	07/02/93	N
ML	JP	57-107646 (English Language Abstract attached)	Fujitsu K.K.	7/5/82	N
ML	EP	0 673 131	Kabushiki Kaisha Toshiba	09/20/95	
ML	PCT	WO 91/15925	National Transcommunications, Ltd.	10/17/91	
ML	PCT	WO 96/10303	ADC Telecommunications, Inc.	04/04/96	

Other References

Examiner Initials	Author, Title, Date, Pages, etc.
MD	"OFDM: An Alternative Digital Modulation Scheme," <u>Cable Television Laboratories, Inc., 3-6, (1993)</u>
ML	Barsellotti, J., et al., "Overcoming Problems in the CATV Return Path with OFDM...," pp. 319, 321, 323, 325, 327 (No earlier than May 1995); and an updated version attached thereto obtained from http://www.catv.org/modem/technical/ofdm.html , pp. 1-8, March 9, 2000)

Examiner Signature	WILLIAM CUMMING PRIMARY EXAMINER	Date Considered
--------------------	-------------------------------------	-----------------

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

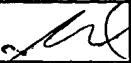
Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce

First Named Inventor	Mark J. Dapper
Serial No.	Unknown
Filing Date	Herewith
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket No.	100.070US31

**INFORMATION DISCLOSURE
STATEMENT
FORM PTO-1449**

Title: CONTROLLING SERVICE UNITS IN A
COMMUNICATION SYSTEM

Sheet 2 of 2

 Bingham, J.A., "Multicarrier Modulation for Data Transmission: an Idea Whose Time has Come," <u>IEEE Communications Magazine</u> , No. 5, pp. 5-12, (May 28, 1990)	
Other References	
Examiner Initials	Author, Title, Date, Pages, etc.
	Engstrom, B., et al., "A System for Test of Multiaccess Methods based on OFDM," <u>Proceedings of the 1994 IEEE 44th Vehicular Technology Conference</u> , Vol. 3, Stockholm, Sweden, 1843-1845, (June 8-10, 1994)
	Fliege, N.J., "Orthogonal Multiple Carrier Data Transmission," <u>European Transactions on Telecommunications and Related Technologies</u> , 3, 255-264, (May-June, 1992)
	Hirosaki, B., et al., "A 19.2 Kbps Voiceband Data Modem Based on Orthogonally Multiplexed QAM Techniques," <u>IEEE</u> , 661-665, (1985)
	Hirosaki, B., et al., "Advanced Groupband Data Modem Using Orthogonally Multiplexed QAM Technique," <u>IEEE Transactions on Communications</u> , Vol. COM-34, 587-592, (June 1986)
	Reiners, C., et al., "Multicarrier Transmission Technique in Cellular Mobile Communications System," <u>Proceedings of the 1994 IEEE Vehicular Technology Conference</u> , Vol. 3, Stockholm, Sweden, 1645-1649, (June 8-10, 1994)
	Wei, L., et al., "Synchronization Requirements for Multi-user OFDM on Satellite Mobile and Two-path Rayleigh Fading Channels," <u>IEEE Transactions on Communications</u> , 43, 887-895, (Feb.-Apr. 1995)

Examiner Signature	WILLIAM CUMMING PRIMARY EXAMINER	Date Considered	9/10/06
*Examiner: Initial if citation conveys whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <i>9/10/06</i>			

Based on Form PTO-FB-A820 Patent and Trademark Office, U.S. Department of Commerce